

AMENDMENTS TO THE CLAIMS:

Please amend Claims 1, 7, 20, 26, 58, 64, and 77 as follows:

1. (Currently Amended) An image pickup control apparatus for controlling an image pickup apparatus via a data communications interface unit, the image pickup control apparatus comprising:

a storage unit which stores a plurality of kinds of control data for controlling the image pickup apparatus in accordance with a plurality of photographing conditions;

a connection detecting unit which detects a connection to the image pickup apparatus via the data communications interface unit;

a ~~guide~~ selection unit which displays the plurality of photographing conditions stored in said storage unit and ~~guides a user to select~~ selects a desired photographing condition from among the plurality of displayed photographing conditions; and

a control unit which is communicatively coupled to said storage unit, said connection detecting unit and said ~~guide~~ selection unit, wherein in a case that said connection detection unit detects the connection to the image pickup apparatus, said control unit effects control so as to transmit to the image pickup apparatus a plurality of kinds of control data corresponding to the photographing condition selected by said ~~guide~~ selection unit.

2. (Previously Presented) An image pickup control apparatus according to claim 1, wherein said storage unit stores control data for controlling a stop, a hue, a color density and a shutter speed.

3. (Previously Presented) An image pickup control apparatus according to claim 1, further comprising a reception detecting unit which detects a control

reception state of the image pickup apparatus, wherein said control unit transmits the control data stored in said storage unit to the image pickup apparatus when said connection detecting unit detects a connection to the image pickup apparatus and when said reception detecting unit detects a control reception state of the image pickup apparatus.

4. (Previously Presented) An image pickup control apparatus according to claim 1, wherein the image pickup apparatus has a storage unit which stores the control data transmitted from said control unit as current control data.

5. (Cancelled)

6. (Previously Presented) An image pickup control apparatus according to claim 1, wherein the photographing condition is selected based upon an environment and photographing state of a subject, the environment and photographing state including evening photographing, wedding reception photographing, closeup photographing, ski ground photographing, night scene photographing and other photographing.

7. (Currently Amended) An image pickup control apparatus according to claim 1, further comprising a display control unit which displays a model image corresponding to the control data for the desired photographing condition selected by said guide selection unit.

8. (Previously Presented) An image pickup control apparatus according to claim 7, further comprising a change unit which changes the control data corresponding to the model image by referring to the model image displayed by said display control unit, wherein said control unit transmits the control data changed by said change unit to the image pickup apparatus.

9. (Previously Presented) An image pickup control apparatus according to claim 8, wherein said display control unit displays the model image corresponding to the control data changed by said change unit.

10. (Previously Presented) An image pickup control apparatus according to claim 8, further comprising a rewrite unit which changes the control data stored in said storage unit to the control data changed by said change unit.

11-15. (Cancelled)

16. (Original) An image pickup control apparatus according to claim 1, wherein the data communications interface unit is a general digital interface unit.

17. (Cancelled)

18. (Original) An image pickup control apparatus according to claim 1, wherein the data communications interface unit conforms with an IEEE 1394 interface bus.

19. (Cancelled)

20. (Currently Amended) An image pickup control method for controlling an image pickup apparatus via a data communications interface unit, the method comprising:

a storage step of storing a plurality of kinds of control data for controlling the image pickup apparatus in accordance with a plurality of photographing conditions;

a connection detecting step of detecting a connection to the image pickup apparatus via the data communications interface unit;

a ~~guide~~ selection step of displaying the plurality of photographing conditions stored in the storage step and ~~guiding a user to select~~ selecting a desired photographing condition from among the plurality of displayed photographing conditions; and

a control step, functioning together with said storage step, said connection detecting step and said ~~guide~~ selection step, of effecting control so as to transmit to the image pickup apparatus a plurality of kinds of control data corresponding to the photographing condition selected in said ~~guiding~~ selection step, in a case that said connection detecting step detects the connection to the image pickup apparatus.

21. (Previously Presented) An image pickup control method according to claim 20, wherein said storage step stores control data for controlling a stop, a hue, a color density and a shutter speed.

22. (Previously Presented) An image pickup method apparatus according to claim 20, further comprising a reception detecting step of detecting a control reception state of the image pickup apparatus, wherein said control step transmits the control data stored at said storage step to the image pickup apparatus when said connection detecting step detects a connection to the image pickup apparatus and when said reception detecting step detects a control reception state of the image pickup apparatus.

23. (Previously Presented) An image pickup control method according to claim 20, further comprising a storage step of storing in the image pickup apparatus the control data transmitted at said control step as current control data.

24. (Cancelled)

25. (Previously Presented) An image pickup control method according to claim 20, wherein the photographing condition is based upon an environment and photographing state of a subject, the environment and photographing state including evening photographing, wedding reception photographing, closeup photographing, ski ground photographing, night scene photographing and other photographing.

26. (Currently Amended) An image pickup control method according to claim 20, further comprising a display control step of displaying a model image corresponding to the control data for the desired photographing condition selected in said guide selection step.

27. (Previously Presented) An image pickup control method according to claim 26, further comprising a change step of changing the control data corresponding to the model image by referring to the model image displayed in said display control step, wherein said control step transmits the control data changed at said change step to the image pickup apparatus.

28. (Original) An image pickup control method according to claim 27, wherein said display control step displays the model image corresponding to the control data changed at said change step.

29. (Original) An image pickup control method according to claim 27, further comprising a rewrite step of changing the control data stored at said storage step to the control data changed at said change step.

30-34. (Cancelled)

35. (Original) An image pickup control method according to claim 20, wherein the data communications interface unit is a general digital interface unit.

36. (Cancelled)

37. (Original) An image pickup control method according to claim 20, wherein the data communications interface unit conforms with an IEEE 1394 interface bus.

38-57. (Cancelled)

58. (Currently Amended) A storage medium storing a control program for controlling an image pickup apparatus via a data communications interface unit, the program comprising:

a storage routine of storing a plurality of kinds of control data for controlling the image pickup apparatus in accordance with a plurality of photographing conditions;

a connection detecting routine of detecting a connection to the image pickup apparatus via the data communications interface unit;

a ~~guide~~ selection routine of displaying the plurality of photographing conditions stored in said storage routine and ~~guiding a user to select~~ selecting a desired photographing condition from among the plurality of displayed photographing conditions; and

a control routine functioning together with said storage routine, said connection detecting routine and said ~~guide~~ selection routine, of effecting control so as to transmit to the image pickup apparatus a plurality of kinds of control data corresponding to the photographing condition selected in said ~~guiding~~ selection routine, in a case that said connection detecting routine detects the connection to the image pickup apparatus.

59. (Previously Presented) A storage medium according to claim 58, wherein said storage routine stores control data for controlling a stop, a hue, a color density and a shutter speed.

60. (Previously Presented) A storage medium according to claim 58, further comprising a reception detecting routine of detecting a control reception state of the image pickup apparatus, wherein said control routine transmits the control data stored at said storage routine to the image pickup apparatus when said connection detecting routine detects a connection to the image pickup apparatus and when said reception detecting routine detects a control reception state of the image pickup apparatus.

61. (Previously Presented) A storage medium according to claim 58, further comprising a storage routine of storing in the image pickup apparatus the control data transmitted at said control routine as current control data.

62. (Cancelled)

63. (Previously Presented) A storage medium according to claim 58, wherein the photographing condition is based upon an environment and photographing state of a subject, the environment and photographing state including evening photographing, wedding reception photographing, closeup photographing, ski ground photographing, night scene photographing and other photographing.

64. (Currently Amended) A storage medium according to claim 58, further comprising a display control routine of displaying a model image corresponding to the control data for the desired photographing condition selected in said guide selection routine.

65. (Previously Presented) A storage medium according to claim 64, further comprising a change routine of changing the control data corresponding to the model image by referring to the model image displayed at said display control routine, wherein said control routine transmits the control data changed at said change routine to the image pickup apparatus.

66. (Original) A storage medium according to claim 65, wherein said display control routine displays the model image corresponding to the control data changed at said change routine.

67. (Original) A storage medium according to claim 65, further comprising a rewrite routine of changing the control data stored at said storage routine to the control data changed at said change routine.

68-72. (Cancelled)

73. (Original) A storage medium according to claim 58, wherein the data communications interface unit is a general digital interface unit.

74. (Cancelled)

75. (Original) A storage medium according to claim 58, wherein the data communications interface unit conforms with an IEEE 1394 interface bus.

76. (Cancelled)



77. (Previously Presented) An image pickup control apparatus for controlling an image pickup apparatus via a data communications interface unit, the image pickup control apparatus comprising:

a storage unit which stores a plurality of kinds of control data for controlling the image pickup apparatus in accordance with a plurality of photographing conditions;

a connection detecting unit which detects a connection of the image pickup apparatus via the data communication interface unit;

a ~~guide~~ selection unit which displays the plurality of photographing conditions stored in said storage unit and ~~guides a user to select~~ selects a desired photographing condition from among the plurality of displayed photographing conditions; and

a control unit which is communicatively coupled to said storage unit, said connection detecting unit and said ~~guide~~ selection unit, wherein in a case that the image pickup apparatus is in a controllable state when said connection detection unit detects the connection to the image pickup apparatus, said control unit effects control so as to transmit to the image pickup apparatus a plurality of kinds of control data corresponding to the photographing condition selected by said ~~guide~~ selection unit.

78. (Previously Presented) An image pickup control apparatus according to claim 77, wherein said storage unit stores control data corresponding to the photographing mode for controlling a stop, a hue, a color density and a shutter speed.

79. (Previously Presented) An image pickup control apparatus according to claim 77, further comprising a control unit which controls transmission of the control data to control the image pickup apparatus when the image pickup apparatus is in a manual setting mode, wherein said control unit transmits the control data stored in said storage unit to the image pickup apparatus when said connection detecting unit detects a

connection to the image pickup apparatus and when the image pickup apparatus is controllable.

80. (Original) An image pickup control apparatus according to claim 77, wherein the photographing mode is based upon an environment and photographing state of a subject, the environment and photographing state including evening photographing, wedding reception photographing, closeup photographing, ski ground photographing, night scene photographing and other photographing.

81. (Previously Presented) An image pickup control apparatus according to claim 79, wherein said data control unit further comprises a display control unit which displays a model image corresponding to the control data for a selected photographing mode, when the control data is set in accordance with the photographing mode.

82. (Previously Presented) An image pickup control apparatus according to claim 81, further comprising a change unit which changes the control data corresponding to the model image by referring to the model image displayed by said display control unit, wherein said control unit transmits the control data changed by said change unit to the image pickup apparatus.

83. (Previously Presented) An image pickup control apparatus according to claim 82, wherein said display control unit displays the model image corresponding to the control data changed by said change unit.